

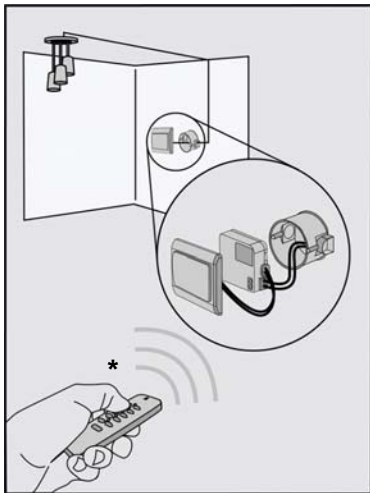


USER'S MANUAL
version 1.1

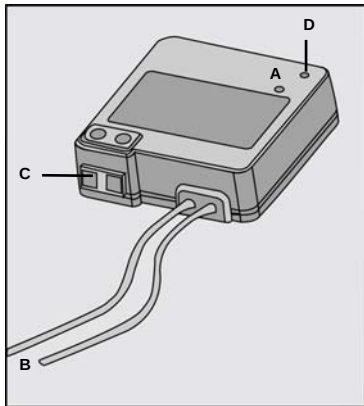
English



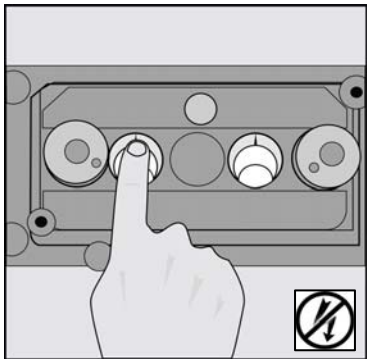
AWMR-210 MINI BUILT-IN DIMMER/SWITCH



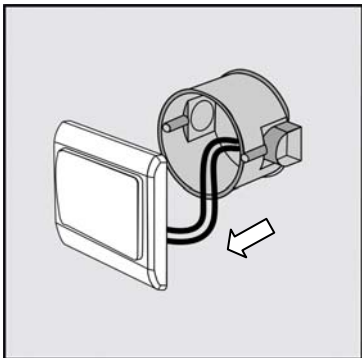
* Picture of the AYCT-102 (not included)



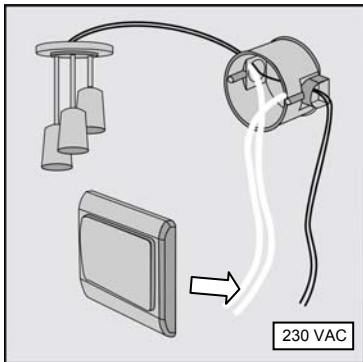
- A: Search mode button
- B: Wall switch connector
- C: Lighting connector
- D: Indicator (voltage and connection status)



[1] Switch off the mains power.

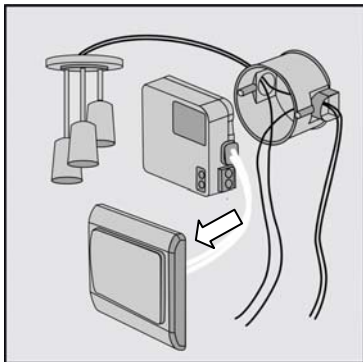


[2] Remove the existing switch from the wall.

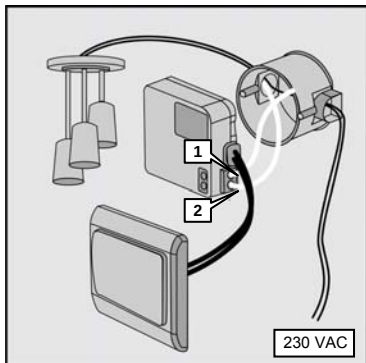


[3] Disconnect the two power wires (brown and black) from the wall switch.

 *Your wire colours may be different!*



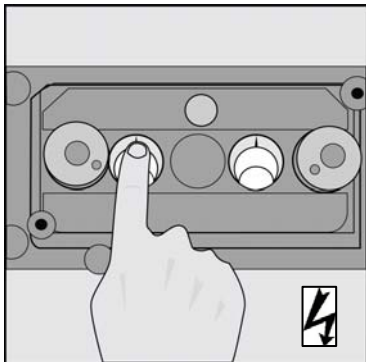
[4] Connect the 2 switch wires from the built-in dimmer to the terminals of the wall switch. It does not matter which wire is connected to which terminal on the wall switch.



[5] Connect the wires you disconnected earlier to the built-in dimmer: [1] L: "hot wire" (brown, coming from the central junction box) [2] : "Switch wire" (black, coming from the light). Push the built-in dimmer into the wall box.

⚠ If in doubt, ask your installer!

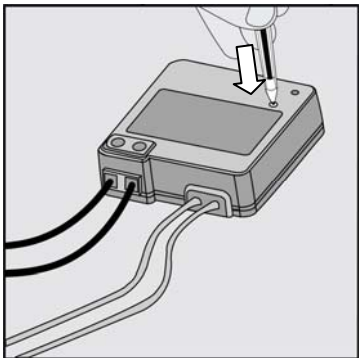
⚠ Connect a load with a power consumption of minimum 40 Watts and maximum 210 Watts. Do not connect anything that may not be dimmed!



[6] Switch on the mains power.

⚠ The indicator of the built-in dimmer remains lit as long as there is power on the built-in dimmer!

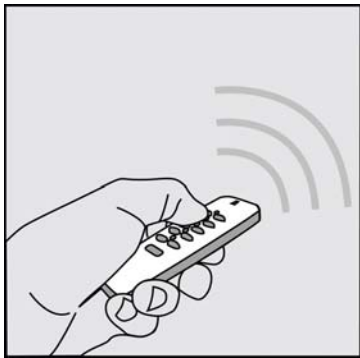
⚠ The built-in dimmer is normally off. It can only be switched on once it has been linked to a transmitter [7 – 8]!



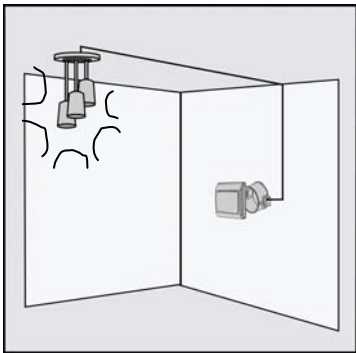
[7] Briefly press the search mode button with a pointed object. The indicator will begin to flash.

⚠ *There is now voltage on the wires. Be careful not to touch any exposed wiring!*

⚠ *If no connection to the transmitter has been made after 15 seconds, the search mode is automatically cancelled. If necessary, repeat **[7]** to activate the search mode again!*



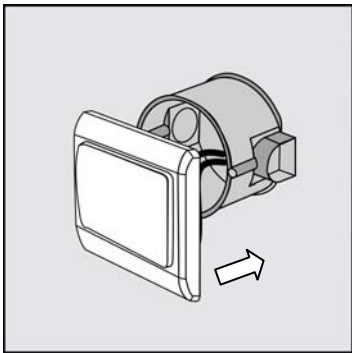
[8] Send an "on" signal with your transmitter; for example: press the desired on button of a remote control or wall switch. The indicator on the built-in dimmer stops flashing as soon as the connection has been made.



[9] To confirm, the built-in dimmer switches on and off two times. The code of the transmitter is stored in the memory of the built-in dimmer.

 *The codes remain in the memory of the dimmer, even if the power is shut off or there is a black-out!*

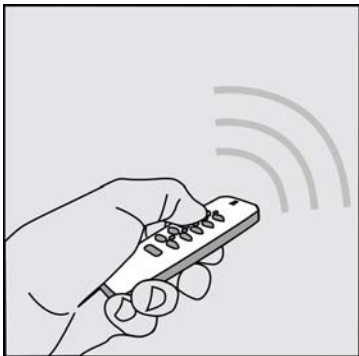
 *A maximum of 6 transmitter codes can be stored at any one time!*



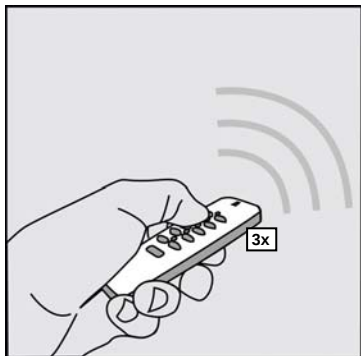
[10] Re-install the wall switch in the wall box (in which the dimmer is located).

 *You can continue to use the wall switch for manual operation.*

 *Now you can also use the wall switch for dimming (see "Reminders").*



[11] Press the on or off button on the transmitter to operate the switch.



[12] Dimming: (1) Press once: light switches on. (2) Press again: The light intensity changes continuously. (3) Press a third time as soon as the desired light intensity has been reached.

 *When the dimmer is switched off and on, it will remember the most recently selected light intensity!*

Remarks **Reminders**

- This product is suitable for installation in a wall box, behind the existing wall switch, and must be used in combination with at least one COCO transmitter.
- The wall box must have depth of at least 40 mm.
- This product is a dimmer/receiver: control lights (or other suitable devices) remotely, without complicated wiring. You can continue to use the existing wall switch for manual operation.
- Dimming with the existing wall switch: (1) Switch on the light. (2) Quickly switch the light off and on with the wall switch. The light intensity changes continuously. (3) Switch off the light when it reaches the desired intensity. The most recently selected light intensity will be remembered.
- To prevent interference, avoid placing multiple products close to each other. The minimum distance between units should be approx. 50 cm.
- The wireless system can be expanded indefinitely with other COCO remote controls and/or receivers.
- Your COCO transmitter may have a special "group" button with which you can simultaneously control multiple receivers with different numeric codes. Repeat [7 - 8] and press the "group" button on the transmitter during step [8].
- To delete one stored code: (1) Briefly press the connect button. (2) Press the "off" button of the code you want to delete from the memory. (3) To confirm, the dimmer switches on and off two times.
- To delete all the stored codes (resetting the memory): (1) Hold in the search mode button. (2) The indicator begins flashing after approx. 7 seconds. (3) Release the button. (4) Briefly press the search mode button again. (5) To confirm, the dimmer switches on and off two times.
- If the product does not work:
 - Reset the memory (see previous line) and set the code from the transmitter again (repeat [7 - 9]).
 - Check whether the indicator is lit; if not, there may not be any power to the product or the electronic fuse may have blown (in the latter case the product must be replaced).

Safety instructions

- Warning: Even if the product is switched off, voltage may still be present at the switched socket!
- Never use COCO products for life support systems or other applications in which equipment malfunctions can have life-threatening consequences.
- Do not connect any lights or other equipment that consume a total of less than 40 Watts or more than 210 Watts. Connecting incorrect equipment can cause defects, a short circuit and fire.
- Only connect equipment that is suitable for dimming.
- Only connect incandescent lamps or 230 Volt halogen lamps. This product is not suitable for low-energy light bulbs or fluorescent lighting.
- Do not connect any lights or devices that require a transformer.
- This product has an electronic fuse that automatically interrupts the power in the event of a short circuit, overload (more than 2 A) or at a temperature above 130 °C. If this occurs, the product must be replaced. A defective electronic fuse is not covered by the warranty.
- Do not expose this product to excessive heat, direct sunlight or moisture.
- Do not attempt to repair this product. If the product is damaged or if you are in doubt about the proper operation, take the product back to the place of purchase.
- Do not use the product in damp areas. Clean the device with a clean cloth.

Wireless

- This product works using a radio signal that passes through walls, windows and doors. The range is maximum 75 metres in the open air. The range indoors is strongly influenced by local conditions such as concrete, glass and metals. On average, the indoor range is approximately 30 metres.
- New double glass often includes a thin metallic layer. This type of glazing ("HR glass") allows most visible light to pass through but has a negative impact on radio signals. If there is HR glass between the transmitter and receiver, you should expect a significant reduction of the range of the wireless signal.
- This product operates at a frequency of 433.92 MHz. It complies with the essential requirements and other conditions of R&TTE Directive 1999/5/EC and can be used in all EU countries.
- There may be restrictions on the use of this device outside the EU. If this device is used outside the EU, check whether the device complies with the local directives.



This product complies with the essential requirements and other relevant provisions of the applicable European directives. The Declaration of Conformity (DoC) is available at www.coco-technology.com.



If possible, submit this product for recycling after use. Do not dispose of the product with household trash.

Warranty and copyright

This device is covered by a two-year warranty that begins on the day of purchase. Visit www.coco-technology.com/warranty for additional information. Reprinting of (portions of) this manual without permission from Pan-Trade International B.V. is expressly prohibited.



PAN-TRADE INTERNATIONAL B.V.

P.O. BOX 126
4760 AC ZEVENBERGEN
THE NETHERLANDS
www.coco-technology.com



Declaration of Conformity

Pan-Trade International BV declares that the COCO product, model:

type designation	AWMR-210 MINI BUILT-IN DIMMER/SWITCH
item number	74009

is in compliance with the essential requirements and other relevant provisions of directives R&TTE 1999/5/EC, EMC 2004/108/EC and LVD 2006/95/EC and is compatible with the standards EN 300 220-1/3, EN 55015, EN 301 489-1/3 and EN 60950.

Manufacturer / Authorised representative,



M.A. Hoekstra, managing director
Zevenbergen, 2008-01-30